Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently amended) A delivery scheduling and updating system comprising:

a delivery scheduling computer electronically maintaining real-time delivery schedule information and delivering a selected portion of the information to a remote customer;

a user computer accessible to the remote customer for receiving the selected portion of the delivery schedule information and transmitting a delivery change request to the delivery scheduling computer;

~~a network linking the delivery scheduling computer to the user computer; and~~

a set of user application modules associated with the delivery scheduling computer and user computer for allowing the customer to view the selected portion of the delivery schedule information and enter the delivery change request; [[.]]

means for automatically recomputing a delivery sequence based on the delivery change request; and

means for transmitting the recomputed delivery sequence to a delivery employee, the delivery employee delivering the goods according to the recomputed delivery sequence.

2.   (Original)   The system of claim 1, wherein the selected portion of the delivery schedule information comprises an estimated delivery time and a delivery location.

3. (Original) The system of claim 2, wherein the delivery change request includes a request to change the estimated delivery time.

4. (Original) The system of claim 2, wherein the delivery change request includes a request to change the delivery location.

5. (Original) The system of claim 1, wherein the user computer is a wired terminal.

6. (Original) The system of claim 1, wherein the user computer is a wireless terminal.

7. (Original) The system of claim 1, wherein the user computer is a browser-based client.

8. (Original) The system of claim 1 further including an employee computer accessible to a delivery employee for receiving the real-time delivery schedule information from the delivery scheduling computer, wherein the network links the delivery scheduling computer to the employee computer.

9. (Original) The system of claim 8, wherein the employee computer transmits a delivery completion message to the delivery scheduling computer upon completion of a scheduled delivery, the delivery completion message including an actual delivery time.

10. (Original) The system of claim 9, wherein the delivery scheduling computer updates the estimated delivery time of remaining deliveries based on the actual delivery time.

11.   (Currently amended) A delivery scheduling and updating system comprising:

a delivery scheduling computer electronically maintaining real-time delivery schedule information and transmitting the real-time delivery schedule information to a delivery employee, the delivery scheduling computer further transmitting a selected portion of the delivery schedule information to a remote customer, the selected portion of the delivery schedule information notifying the customer of a scheduled delivery;

an employee computer accessible to the delivery employee for receiving the real-time delivery schedule information from the delivery scheduling computer and for transmitting a delivery completion message to the delivery scheduling computer upon completion of the scheduled delivery, the delivery completion message including an actual delivery time; and

a user computer accessible to the remote customer for receiving the selected portion of the delivery schedule information from the delivery scheduling computer;

a set of user application modules associated with the delivery scheduling computer and the user computer for allowing the customer to view the selected portion of the delivery schedule information and enter a delivery change request, wherein the delivery scheduling computer automatically recomputes a delivery sequence based on the delivery change request and transmits the recomputed delivery sequence to the employee computer, the delivery employee delivering the goods according to the recomputed delivery sequence.

12.   (Original)   The system of claim 11, wherein the selected portion of the delivery schedule information comprises an estimated delivery time and a delivery location.

13. (Original)   The system of claim 12, wherein the delivery scheduling computer receives the delivery completion message and updates the estimated delivery time of remaining deliveries based on the actual delivery time included in the delivery completion message.

14. (Original)   The system of claim 11, wherein the employee computer is a wired terminal.

15. (Original)   The system of claim 11, wherein the employee computer is a wireless terminal.

16. (Original)   The system of claim 11, wherein the employee computer is a browser-based client.

17. (Currently amended) A delivery notification computer in a computer network enabling communication with a remote customer and a remote delivery employee, the delivery notification computer comprising:
a memory for storing real-time delivery schedule information;
a processor coupled to the memory for creating and updating the real-time delivery schedule information;
a network connection coupled to the processor for transmitting a selected portion of the delivery schedule information to the remote customer and for receiving a delivery change request from the customer; [[and]]
a set of user application modules for allowing the customer to view the selected portion of the delivery schedule information and enter the delivery change request; [[.]]

means for automatically recomputing a delivery sequence based on the delivery change request; and

means for transmitting the recomputed delivery sequence to a delivery employee, the delivery employee delivering the goods according to the recomputed delivery sequence.

18.   (Original)   The delivery notification computer of claim 17, wherein the network connection further receives a delivery completion message from the remote delivery employee upon completion of the scheduled delivery, and wherein the processor updates the estimated delivery time of remaining deliveries based on the actual delivery time.

19.   (Currently amended) A delivery notification computer in a computer network enabling communication with a remote customer, the delivery notification computer comprising:

a memory for storing real-time delivery schedule information;

a network connection coupled to the memory for transmitting the real-time delivery schedule information to a delivery employee and a selected portion of the delivery schedule information to a remote customer, the selected portion of the delivery schedule information notifying the customer of a scheduled delivery, the network connection further receiving a delivery completion message from the delivery employee upon completion of the scheduled delivery, the delivery completion message including an actual delivery time [[;]], and the network connection further receiving a user-entered delivery change request; and

a processor coupled to the memory and the network connection for creating the real-time delivery schedule information and updating portions of the delivery schedule

information based on the actual delivery time, the processor
further automatically recomputing a delivery sequence based on
the delivery change request and transmitting the recomputed
delivery sequence to a delivery employee computer, the delivery
employee delivering the goods according to the recomputed
delivery sequence.

20. (Currently amended) A delivery notification computer
in a computer network enabling communication with a remote
customer and a remote delivery employee, the delivery
notification computer comprising:

means for creating delivery schedule information for a
plurality of deliveries;

means for updating the delivery schedule information for
real-time maintenance of the delivery schedule information;

means for transmitting a selected portion of the delivery
schedule information to a remote customer, the selected portion
of the delivery schedule information notifying the customer of a
scheduled delivery; [[and]]

means for receiving a delivery change request from the
customer for modifying the delivery schedule information; [[.]]

means for automatically recomputing a delivery sequence
based on the delivery change request; and

means for transmitting the recomputed delivery sequence to
a delivery employee, the delivery employee delivering the goods
according to the recomputed delivery sequence.

21. (Original) The computer of claim 20, wherein the
means for creating the delivery schedule information comprises
means for creating the delivery schedule information based on a
shortest-path algorithm.

22. (Original)   The computer of claim 20, wherein the delivery change request includes a request to change the estimated delivery time.

23. (Original)   The computer of claim 20, wherein the delivery change request includes a request to change the delivery location.

24. (Original)   The computer of claim 20 further comprising means for recalculating a delivery cost based on the delivery change request.

25. (Original)   The computer of claim 20 further comprising means for transmitting the delivery schedule information to a delivery employee.

26. (Original)   The computer of claim 25 further comprising means for receiving a delivery completion message of a particular delivery from the delivery employee, the delivery completion message including an actual delivery time.

27. (Original)   The computer of claim 20 wherein the means for transmitting further comprises means for determining when the selected portion of the delivery schedule information is to be transmitted to the remote customer.

28. (Currently amended) A <u>computerized</u> delivery scheduling and updating method comprising:
    creating a delivery schedule for a plurality of deliveries;
    updating the delivery schedule for real-time maintenance of the delivery schedule;

transmitting a selected portion of the delivery schedule to a remote customer, the selected portion of the delivery schedule notifying the customer of a scheduled delivery;

receiving <u>over a computer connection</u> a delivery change request from the customer; [[and]]

modifying the delivery schedule based on the delivery change request; [[.]]

<u>automatically recomputing a delivery sequence based on the delivery change request; and</u>

<u>transmitting the recomputed delivery sequence to a delivery employee, the delivery employee delivering the goods according to the recomputed delivery sequence.</u>

29. (Original)   The method of claim 28, wherein the creating the delivery schedule information comprises creating the delivery schedule information based on a shortest-path algorithm.

30. (Original)   The method of claim 28, wherein the delivery change request includes a request to change the estimated delivery time.

31. (Original)   The method of claim 28, wherein the delivery change request includes a request to change the delivery location.

32. (Original)   The method of claim 28 further comprising the step of recalculating a delivery cost based on the delivery change request.

33. (Original)   The   method   of   claim   28   further comprising transmitting the delivery schedule information to a delivery employee.

34. (Original)   The   method   of   claim   33   further comprising receiving   a   delivery   completion   message   of   a particular delivery from the delivery employee, the delivery completion message including an actual delivery time.

35. (Original)   The   method   of   claim   34   further comprising modifying the delivery schedule information based on the actual delivery time.

36. (Original)   The   method   of   claim   28   further comprising determining when the selected portion of the delivery schedule information is to be transmitted to the remote customer.